Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Project Division Dasarahalli

Name of work:Development Works at Dobhighat in Ward No-13 Mallasandra Ward

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Civil Work								
KSRB 2-1.1 : **Earthwork in surface excavation** in ordinary soil for leveling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavatedsurface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a)/2.3.1 (Item No.2.2, Page No.5, SR: 2016-17)								
Dobighat			(10+8)/2	(0.8+0.7)/2				
For Retaining Wall	1	14.50	9.00	0.60	78.30			
					78.300	**Cum**	**237.60**	**18,604.08**
KSRB 2-2.2 : **Earthwork excavation for foundation** of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m.after breaking of clods complete as per specifications,specification. No. KBS 2.1(b)/2:3.5 (Item No.2.4, page No.5, SR: 2016-17)								
Dobighat			(10+8)/2					
For Retaining Wall	1	14.50	9.00	0.30	39.15			
					39.15	**Cum**	**305.64**	**11,965.81**
KSRB 2-2.3: Excavation by **manual means for foundation** of buildings, water supply & sanitary lines and electrical conduits etc., either in pits or in trenches 1.50m and above in width, **in soft rock not exceeding 1.50mtr**s in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50mt including cost of explosives, labour, HOM of equipment complete as per specifications, specification. No. KBS 2.1 C/2.9.4/2.18/2.19 (Item No.2.6, page No.5, SR: 2016-17)								
Dobighat			(10+8)/2					
For Retaining Wall	1	14.50	9.00	0.20	26.10			
					26.10	**Cum**	**953.64**	**24,890.00**
KSRB 4-1.2 : Providing and laying in position plain **cement concrete of mix 1:3:6** with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (Item No.4.2, page No.512, SR: 2016-17)								
Dobighat								
For Retaining Wall	1	14.50	8.50	0.15	18.49			
					18.49	**Cum**	**5449.68**	**100750.96**
KSRB 2.3: **Filling available excavated earth** (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 (Item No.2.10, page No.6, SR: 2016-17)								
Back Filling			(1.5+1.0)/2					
For Retaining Wall	1	14.50	1.25	8.10	146.81			

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Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
					146.81	Cum	82.08	12,050.37
SRB 4.2.7 : Providing and laying in **position reinforced cement concrete of design mix M25** with OPC ement @ 340kgs, with 20mm cum and down size graded granite metal coarse aggregates @0.70cum nd fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in round floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any hickness) including attached pilasters, columns, Unties, pillars, posts, struts, buttresses, string or lacing ourses, parapets, coping, bed blocks, anchor blocks, plain window cills, fiHets Etc., including cost of all naterials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per pecifications, specification No. KBS 4.t, 4.6 (I.tm No.4.12, P.No.13, SR:2016-17)								
obighat								
or Retaining Wall footing	1	14.50	8.00	1.25	145.00			
or Shear Key	1	14.50	0.90	0.90	11.75			
			(1.25+0.67)/ 2					
or Retaining Wall	1	14.50	0.96	8.10	112.75			
				Total Modified Qty	269.50	Cum	6876.36	1853158.39
SRB 4-6.1 : Providing and removing **centering, shuttering, strutting, propping** etc., and removal of orm work for foundations, footings, bases of columns for mass concrete including cost of all materials, abour complete as per specificaitons. Specification No. KBS 4.6.2 (I.tm No.4.28, P.No.15, SR:2016-17)								
or Retaining Wall Raft	2	14.50		1.25	36.25			
					36.25	Sqm	249.48	9,043.65
KSRB 4-6.5 : Providing and removing **centering, shuttering, strutting,** Sqm. propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I.tm No.4.32, P.No.16, SR:2016-17)								
For Wall 1st lift	2	14.50		1.20	34.80			
For Wall 2nd lift	2	14.50		1.20	34.80			
For Wall 3rd lift	2	14.50		1.20	34.80			
For Wall 4th lift	2	14.50		1.20	34.80			
For Wall 5th lift	2	14.50		1.20	34.80			
For Wall 6th lift	2	14.50		1.20	34.80			
For Wall 7th lift	2	14.50		0.60	17.40			
					226.20	Sqm	395.28	89,412.34
KSRB 4.9.2 : Providing **T.M.T steel reinforcement** for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT bars Fe 500 (Item No.4.46, page No.17, SR: 2016-17)								
Consider 135kg/Cum	1	269.50	135.00		36382.10			
					36.38		65455.56	2381410.40
							Total Construction Cost	4501286.00
							KRIDL Charges 11%	495141.46
							Sub Total	4996427.46

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Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Utility Shifting,Miscellaneous and Rounding off								1824.78
GRAND TOTAL								5000000.00

rtificate

The workspot was inspected and works is found to be necessary.
The area comes within the Bruhat Bangalore Mahanagara Palike limits.
The rates adopted based on the PWD SR,Bangalore circle for year 2016-2017 .and Data Rates

Assistant Engineer
Project division,Dasrahalli
BBMP Bangalore

Asst. Executive Engineer,
Project division,Dasrahalli
BBMP Bangalore

Executive Engineer,
Project division,Dasrahalli
BBMP Bangalore

/2018-19
ಸಂ: AS/20/ ದಿನಾಂಕ: 05.03.2019
ರೂ. 50,00,000/- Fifty Lacs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ
ದಾಸರಹಳ್ಳಿ ವ

ನಂ. CE/02/TS/20/2018-19 ದಿನಾಂಕ: 07/03/2019
ರೂ. 50.00 Lakhs/- (Rs Fifty Lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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